

RF:05 1/7/02 128.833UGN

PATENT

APPENDIX C

ABSTRACT

The system is for the oxygen delignification,
5 in at least two reaction stages, of pulp that consists of
lignocellulose-containing material having a mean concentration of
8-18% pulp consistency. The system has a first pump followed by
a first oxygen mixer that is followed by a first delignification
zone. The first delignification zone is followed by a second
10 steam mixer that is followed by a second pump that is followed by
a third oxygen mixer and a second delignification zone.